☐ DELETE	☐ NEW	☐ REPLACE	☐ CORRECTION

NTIS COMPUTER PRODUCTS CATALOG DATA SHEET	1. ACCESSION NO.	2. CONTRIBUTING AGENCY REPORT NO. *See box 10 DOD/SW/MT-88/006	3. SUBJECT

4. PRODUCT *(circle one)*

DATA FILE   PUBLICATION

DATA BASE REFERENCE SERVICE   SOFTWARE   MODEL, SIMULATION

5. AGENCY, BUREAU, DIVISION, AND ADDRESS

ASD/SCOL
Language Control Division
Area B, Bldg 676
Wright-Patterson AFB OH 45433-6503

JAN 2 1988

A
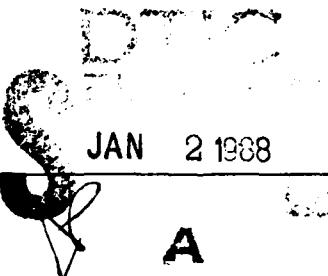
PRODUCT NAME *(Use agency nomenclature)*

Ada Compiler Validation Capability (ACVC) 1.9: TAR

DESCRIPTORS OF PRODUCT *(Keywords, identifiers, etc.)*   *Software,

The ACVC is a suite of tests designed to test an Ada Compiler's
Conformance to MIL-STD-1815A.

8. DATES OF COVERAGE *(For one-time reports, use as-of-date; for software, use date and release no.)*

10 Dec 86, Version 1.9

9. FILE SIZE IN NO. OF:

REELS |0| 0 1| PUNCHED CARDS | | | | | | |

10. AVAILABILITY STATEMENT - AGENCY NAME AND ADDRESS, ORDER NO., ETC. *(If NTIS sells, leave blank)*

*See also: AD-A186 391

11. PRICE INFORMATION

Price code: T99   ($1,000)

Price includes documentation:
DOD/SW/MT/88-006A

12. GEOGRAPHIC SCOPE

No restrictions

13. TECHNICAL REPRESENTATIVES *(List at least one for subject and one for media)*

NAME	TITLE	PHONE NO.
Steve Wilson	Mathematician	513-255-4472

14. DOCUMENTATION

[X] AVAILABLE as: AD-A186 392

EXPECTED AVAILABILITY DATE

88 1   12 186

15. COMPUTER PRODUCT ABSTRACT

The Ada Compiler Validation Capability (ACVC) is a suite of tests designed to determine an Ada compiler's conformance to MIL-STD-1815A, the Ada Language Reference Manual (LRM). Version 1.9 was released in December 1986 and became the official ACVC version, replacing 1.8, in June 1987. ACVC version 1.9 will be the official version until June 1988 when it will be replace by ACVC version 1.10. Each of the 3122 tests in the ACVC 1.9 is designed to test a single test objective specified in the Ada Implementor's Guide (AIG), a document enumerating the LRM into discrete test objectives in order to aid compiler development...Software Description: The model is written in the ADA programming language for implementation on a DEC VAX-11/780 Computer using the VMS operating system. Memory requirement is 10 K bytes.

NTIS

#. 1.000 ou

COPY
INSPECTED
6

4-1 21

16. DATA FILE TECHNICAL DESCRIPTION

Source tape is in ___ASCII___ character set. Character set restricts preparation to 9 track, one-half inch tape only. Identify recording mode by specifying density only. Call NTIS Computer Products, if you have any questions.

17. SOFTWARE TECHNICAL DESCRIPTION

Software is written in;

Fortran _____ COBOL _____ Basic _____ Assembly _____ Other (Specify) ___Ada_____

Software requires;

CPR Mfr. __DEC VAX-11/__780__ Model(s) _____ Operating system(s) ___VMS_____

Minimum of __10__ K bytes core. The following special features and/or additional requirements in hardware:

_____

SIGNATURE OF AGENCY REPRESENTATIVE, PHONE NO., AND DATE	SIGNATURE OF NTIS REPRESENTATIVE AND DATE FORM PREPARED

COMPUTER MAGNETIC TAPE FILE PROPERTIES

01. Completion Date			02 Form Prepared By *(Name and Phone)*	03 Reel ID Number *(Property Control No)*
Year	Month	Day		
8 7	1 0	2 0	Steven P. Wilson	ACVC 1.9 TAR

04. Recording Date			05 File Identifier or Descriptive Title	06 Short Title *(External Label Name)*
Year	Month	Day		
8 7	1 0	1 6	Ada Compiler Validation Capability (ACVC) Version 1.9	ACVC 1.9

07. Source Unavailable			08 Documentation			09 File Position on Reel
Year	Month	Day	Yes	No	Available	WHOLE TAPE
9 2	1 2	0 1	X		*(Enter Citation)*	of

10. To Be Returned			11. Submitting Organization & Address	12. Receiving Organization & Address
Yes	No	To Other Than The Sender	ASD/SCOL Bldg 676 Wright-Patterson AFB OH 45433	U.S. Department of Commerce National Technical Information Service 5285 Port Royal Road Springfield VA 22161
	X			

13 Due Back Date		
Year	Month	Day

14 Technical Contact(s) & Phone Number(s)
Steve Wilson
513-255-4472

RECORDING SYSTEM CHARACTERISTICS

EQUIPMENT MANUFACTURER AND MODEL	15. Processing Unit DEC VAX-11/780		17. No. of Tracks			18. Parity		19. Density *(BPI)*
			7	9	Other	Odd	Even	
	16. Tape Subsystem Systems Industries 1953			X		X		1600

RECORDING SOFTWARE	20. Operating System, Release & Version VMS	22. Internal File Identifier
	21. Utility Program or Data Base Language WRITEACVC9 TAR	NONE

23. Characters Set *(Graphics)*	24. Recorded Label *(Internal Label)*			
[X] ASCII [ ] BCD [ ] Other *(Specify)*	[ ] Header	[ ] ANSI X 3.27 Standard	[ ] Other
[ ] EBCDIC [ ] FIELDATA [ ] Non-Print Codes	[ ] Trailer	[ ] FIPS Standard	[X] None

FILE CHARACTERISTICS

NUMBER OF RECORDS	25. Physical 1218	27. Record Type	28. Records/Block *(Blocking Factor)*	29. TYPE OF FILE ORGANIZATION *(Check One Box)*	
	26. Logical	[ ] Fixed Length [XX] Other Than Fixed	N/A	[ ] One File One Reel	[ ] One File Multiple Reels
RECORD LENGTH	30. Physical [XX] Bytes [ ] Chars. [ ] Words (Bits/Word)			[X] Multiple Files One Reel	
	31. Logical [ ] Bytes [X] Chars. [ ] Words (Bits/Word)			[ ] Multiple Files Multiple Reels	

SUPPLEMENTAL INFORMATION

32. Use/Handling Constraints *(Specify if Yes)*	
Yes	No

33. For Submitting Organization Use